

Location: <http://osrode.ne.medicine.net/web17/login.html>

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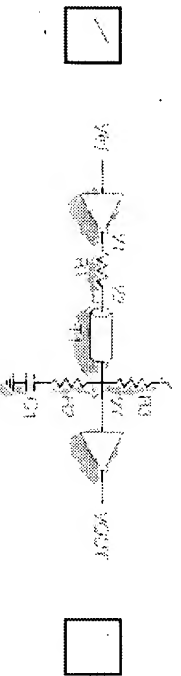
Password:

Accept



Transmission line example #2

Simple transmission line, capacitive termination.



Z0	68	ohms	Ref	3.2
Rise time	1000	ps	Step amp.	3
TL length	5	cm	Polarity	Rising
R2	68	ohms	Driver	Ideal voltage source
LL	1	nH	R1	22
Plot	Frequency		C1	100
			R3	1e99
			Receiver	LC wideband clamp
			C1	4
			Clamp	Both
			PDF	
			Simulate	

Java transmission line simulator
Transmission line calculator - Java version

Logout

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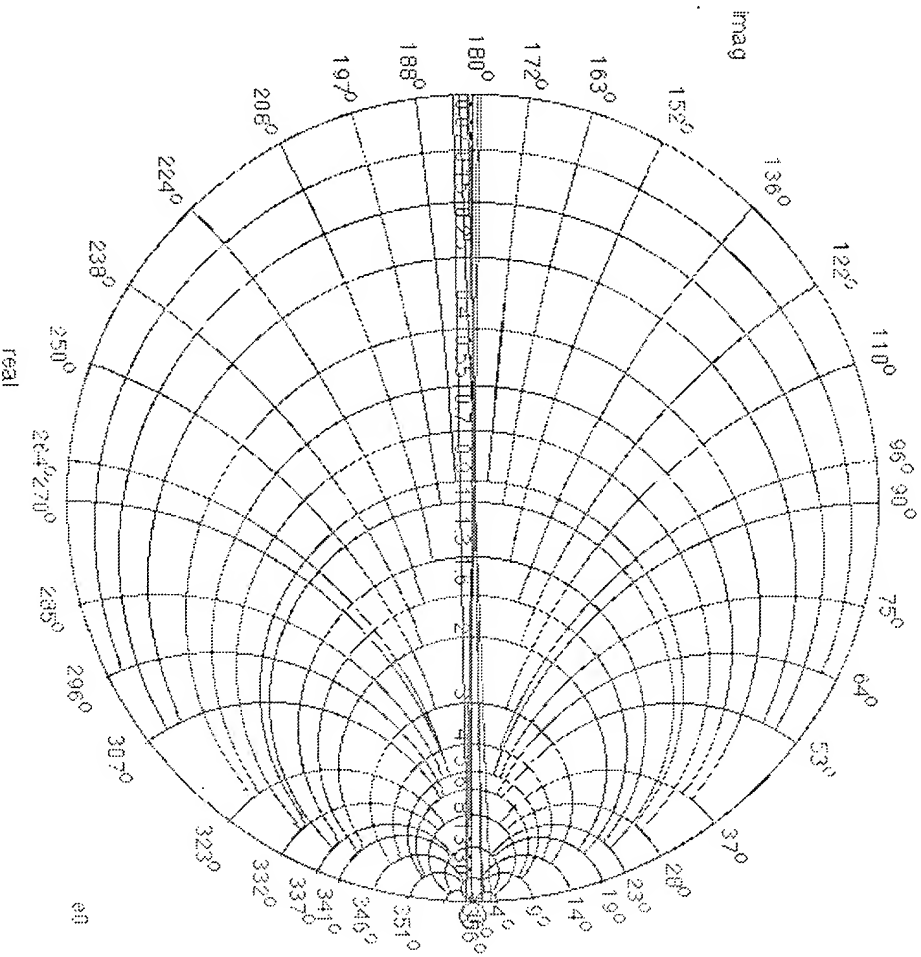
NetScape: Simulation results

Back Forward Reload Home Search Guide Images Print Security Stop

Location:

<http://osrode.ne.medicine.net/cgi-bin/webst7/get/891835080547/simulate.pl?rbout=11827112820=68&eff=3.2&fs=1000&step=3&polarity=1&driver=VS&t1=5&t1=22&r=2=68&c1=100&r=3=1&99&receiver>

☒ $v(t) / (v_{buff})$



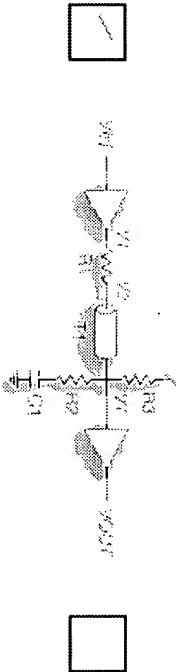
Applet Plot6 running

Applet Plot6 running

location: <http://code.ne.mediaone.net/cgi-bin/webst/get/891835080547/11/12.html>

Transmission line example #2

Simple transmission line, capacitive termination.



Z0 68 ohms Eff 3.2

Filetime 1000 ps Step amp. 3 V Polarity Rising

Driver Ideal voltage source

T1 length 5 cm R1 0 ohms

R2 68 ohms C1 100 pF R3 1e9 ohms

Receiver LC wrtode clamp

LL 1 nH CL 4 pF Champ Both

Plot Impedance Plot method Java Simulate

[Java transmission line simulator](#)

[Transmission line calculator - Java version](#)

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